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Protection of Citrus, 1979-March 1986
Citations from AGRICOLA
(Agricultural Online Access) Concerning
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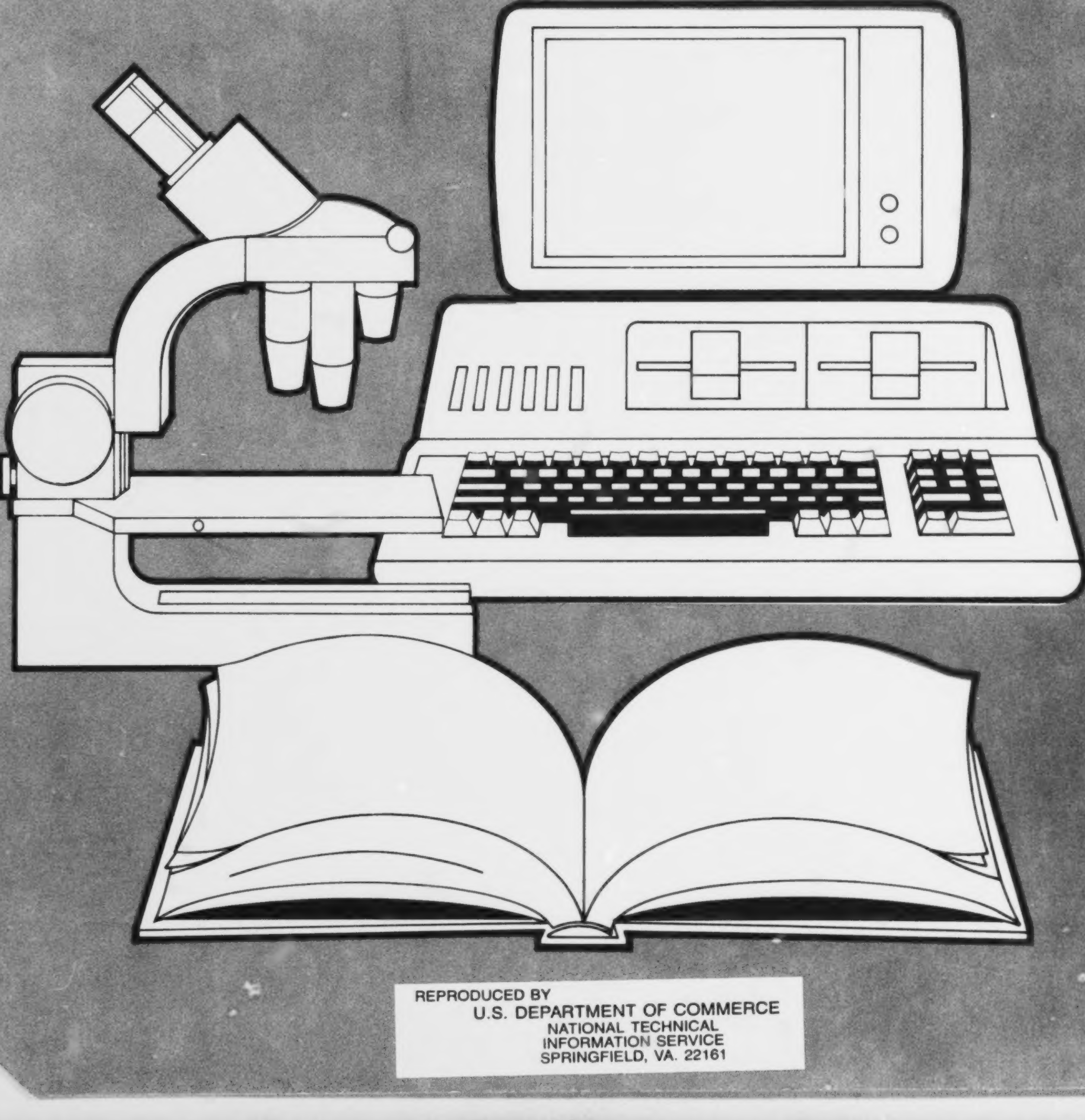

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The Protection of Citrus, 1979-March 1986

Citations From AGRICOLA Concerning Diseases and Other Environmental Considerations

Compiled and Edited by
Charles N. Bebee
National Agricultural Library

Bibliographies and Literature
of Agriculture Number 53

United States Department of Agriculture
National Agricultural Library
Beltsville, Maryland 20705

and

United States Environmental Protection Agency
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Washington, D.C. 20460

October 1986

FOREWORD

This is the 13th volume in a series of commodity-oriented environmental bibliographies resulting from a memorandum of understanding between the United States Department of Agriculture, National Agricultural Library (USDA-NAL), and the Environmental Protection Agency, Office of Pesticide Programs (EPA-OPP).

This close working relationship between the two agencies will produce a series of bibliographies which will be useful to EPA in the regulation of pesticides, as well as to any researcher in the field of plant or commodity protection. The broad scope of information contained in this series will benefit USDA, EPA, and the agricultural community as a whole.

The sources referenced in these bibliographies include the majority of the latest available information from United States publications involving commodity protection throughout the growing and processing stages for each agricultural commodity.

We welcome the opportunity to join this cooperative effort between USDA and EPA in support of the national agricultural community.

Joseph H Howard

JOSEPH H. HOWARD, Director
National Agricultural Library

Douglas D. Campt

DOUGLAS D. CAMPT, Director
Office of Pesticide Programs

INTRODUCTION

The citations in this bibliography are selected from works by U.S. authors on all aspects of the protection of citrus. All citations are derived from AGRICOLA (AGRICultural Online Access), the family of databases compiled by the National Agricultural Library and its cooperators.

This is the 13th bibliography included in a series of commodity-oriented environmental databases jointly sponsored by the National Agricultural Library, United States Department of Agriculture (USDA-NAL), and the Office of Pesticides Programs, Environmental Protection Agency (EPA-OPP). Additional volumes issued recently or planned for the immediate future concern protection of corn, soybeans, pome fruits, stone fruits, grain sorghum, rice, and peanuts.

Entries in the bibliography are subdivided into a series of subject headings used in the table of contents of the *Bibliography of Agriculture* and in the *National Agricultural Library Catalog*. Each citation appears under the subject heading assigned to the particular item. A complete author index is also included in the publication.

The Office of Pesticide Programs, EPA, has furnished technical assistance to the compiler through members of a commodity-oriented environmental data team which included:

Charles D. Reese
H. Irving Brigham
Bernard Schneider, PhD.
Richard Petrie

Any comments or questions may be forwarded to the compiler:

Charles N. Bebee
USDA, National Agricultural Library
Room 111
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(301) 344-3704

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0179

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0189

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0195

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McCool, P.M. Menge, J.A. Mount Vernon, Va. JournalAmerican Society for Horticultural Science. Mar 1979. v. 104. (2). p. 151-154. ill. 20 ref. (NAL Call No.: 81 S012).

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Effects of some systemic, nonfumigant and fumigant nematicides on grape mycorrhizal fungi and citrus nematode (Tylenchulus semipenetrans, Glomus).
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0197

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0198

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Iley, J.R. Guilford, H.E. Bartow, Fla., Associated Publications Corp. Citrus industry. Feb 1979. v. 60 (2). 7-8, 10, 13-14, 16, 18. 7 ref. (NAL Call No.: 80 C49).

0199

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0201

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0202

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0203

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Los Angeles. Citrograph. Jan 1979. v. 64 (3). p. 49, 66. (NAL Call No.: 80 C125).

0204

Frost protection guides for 1979-80 (Citrus orchards, California, Arizona).
Los Angeles, California Citrograph Publishing Co. Citrograph. Sept 1979. v. 64 (11). p. 283-386. (NAL Call No.: 80 C125).

0205

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0206

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Cohen, M. Lake Alfred. Proceedings of the ... annual meetingFlorida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 66-68. ill. 5 ref. (NAL Call No.: 81 F66).

0207

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Los Angeles, California Citrograph Publishing Co. Citrograph. Sept 1979. v. 64 (11). p. 267-271. (NAL Call No.: 80 C125).

0208

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0209

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0210

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Hutchinson, P. Johnston, J. Bartow, Fla. : Citrus Industry. Citrus industry. July 1984. v. 65 (7). p. 5, 8. ill. (NAL Call No.: 80 C49).

0211

The influence of (the mycorrhizal fungus) Glomus mosseae on (the nematode) Tylenchulus semipenetrans--infected and uninfected Citrus limon seedlings.
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0434

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0435

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0436

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0437

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0438

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0439

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0444

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0445

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Rust mite (Phyllocoptruta oleivora) damage increases uptake and effectiveness of an abscission-accelerating chemical (glyoxal dioxime) on 'Valencia' oranges.
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0449

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Phillips, P. Los Angeles, California Citrograph Publishing Co. Citrograph. Apr 1981. v. 66 (6). p. 157, 160. (NAL Call No.: 80 C125).

0450

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Searching and ovipositional behavior of Amitus hesperidum (Hymenoptera: Platygasteridae) and Encarsia opulenta (Hymenoptera: Aphelinidae) parasitoids of the citrus blackfly (Homoptera: Aleyrodidae).
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Seasonal attack patterns on 'Hamlin' orange by the coffee bean weevil (Coleoptera: Anthribidae) in Florida (Araecerus fasciculatus).
Childers, C.C. Gainesville, Florida Entomological Society. Florida entomologist. Mar 1982. v. 65 (1). p. 136-143. ill. Includes 7 ref. (NAL Call No.: 420 F662).

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JEENAI. Kennett, C.E. Hoffmann, R.W. College Park, Md. : Entomological Society of America. Journal of economic entomology. Feb 1985. v. 78 (1). p. 73-79. Includes references. (NAL Call No.: DNAL 421 J822).

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Kido, H. Flaherty, D.L.; Kennett, C.E.; McCalley, N.F.; Bosch, D.F. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. July/Aug 1981. v. 35 (7/8). p. 27-28. ill. (NAL Call No.: 100 C12CAG).

0456

Seven-year study of effects of California red scale (Homoptera: Diaspididae) on navel orange production in California's San Joaquin Valley (Aonidiella aurantii).
Elmer, H.S. Brawner, D.L. College Park, Entomological Society of America. Journal of economic entomology. Aug 1982. v. 75 (4). p. 699-700. 5 ref. (NAL Call No.: 421 J822).

0457

Significance of temperature and food resources to the developmental biology of Amblyseius hibisci (Chant) (Acarina, Phytoseiidae) (Predator of citrus pests, California).
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0458

Similarities between citrus blight and Pierce's disease of grapevine (Vector Oncometopia nigricans).
Hopkins, D.L. Adlerz, W.C. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 18-20. 16 ref. (NAL Call No.: 81 F66).

0459

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Elmer, H.S. Brawner, O.L.; Atkin, D.R.; Gonzales, R.F. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. July 1982. v. 36 (7). p. 7-8. ill. (NAL Call No.: 100 C12CAG).

0460

Soil applications of insecticides for control of Scirtothrips citri (Moulton) (Thysanoptera, Thripidae) on citrus (California).
Tanigoshi, L.K. Moreno, D.S.; Nishio-Wong, J.Y.; Fargerlund, J. Hamburg, W. Ger., Paul Parey. Zeitschrift fur angewandte Entomologie. = Journal of applied entomology. Feb 1982. v. 93 (1). p. 17-24. ill. 6 ref. (NAL Call No.: 421 Z36).

0461

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0462

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Hart, W.G. Griffith, Australia, The Society. Proceedings ... International Society of Citriculture. 1978 (pub. 1980). 1978 (pub. 1980). p. 154-156. Includes 14 ref. (NAL Call No.: SB369.I5).

0463

Some epidemiological aspects of postbloom fruit drop disease (Colletotrichum gloeosporioides) in citrus.
Denham, T.G. Waller, J.M. London, Association of Applied Biologists. Annals of applied biology. May 1981. v. 98 (1). p. 65-77. ill. 10 ref. (NAL Call No.: 442.8 AN72).

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PLANT DISEASES - GENERAL

0536

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PLANT DISEASES - BACTERIAL

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PROTECTION OF PLANT PRODUCTS - GENERAL AND MISC.

0842

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0843

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0844

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0845

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0846

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Morris, S.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1980. v. 15 (6). p. 757-758. ill. 11 ref. (NAL Call No.: SB1.H6).

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Nagy, S. Wardowski, W.F. Washington, D.C., American Chemical Society. Journal of agricultural and food chemistry. July/Aug 1981. v. 29 (4). p. 760-763. ill. 22 ref. (NAL Call No.: 381 J8223).

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0849

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Barmore, C.R. Snowden, S.E.; Brown, G.E. St. Paul, Minn. : American Phytopathological Society. Phytopathology. June 1984. v. 74 (6). p. 735-737. Includes 27 references. (NAL Call No.: 464.8 P56).

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El-Kazzaz, M.K.PHYTA. Sommer, N.F.; Kader, A.A. St. Paul : American Phytopathological Society. Phytopathology. July 1983. v. 73 (7). p. 998-1001. Includes references. (NAL Call No.: 464.8 P56).

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Golomb, A. Ben-Yehoshua, S.; Sarig, Y. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 155-159. ill. Includes references. (NAL Call No.: 81 S012).

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0857

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Brown, G.E. Ismail, M.A. Lake Alfred. Proceedings of the ... annual meetingFlorida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 124-126. ill. 11 ref. (NAL Call No.: 81 F66).

0858

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0859

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Cohen, E. St. Paul, Minn., American Phytopathological Society. Plant disease. Aug 1981. v. 65 (8). p. 672-675. ill. 8 ref. (NAL Call No.: 1.9 P69P).

0860

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Albrigo, L.G. Lake Alfred. Proceedings of the ... annual meetingFlorida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 78-81. ill. 50 ref. (NAL Call No.: 81 F66).

0861

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Rappaport, S.M. Cameron, W.; McAllister, J. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. Sept/Oct 1984. v. 32 (5). p. 1112-1116. ill. Includes 10 references. (NAL Call No.: 381 J8223).

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Wardowski, W.F. S.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 254-256. Includes 27 ref. (NAL Call No.: 81 F66).

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0865

Postharvest control of Phytophthora citrophthora with metalaxyl, and its relation to other fungi pathogenic to citrus fruit.
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0866

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0867

Postharvest creasing of 'Robinson' tangerines (Storage, calcium).
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Citrus fruits-- varieties, chemistry, technology, and quality evaluation. Part I: Varieties, production, handling, and storage.
Ramana, K.V.R. Govindarajan, V.S.; Ranganna, S. Boca Raton, Fla., CRC Press. Abstract: A critical account is presented on various aspects of the characteristics and use of citrus fruits. Citrus fruit topics covered in detail include: classification, breeding, diseases (causing loss), production, growth in various countries, composition (as affected by various factors), maturity standards (for harvesting), harvesting, commercial handling, and storage. Factors causing crop loss are reviewed, including infectious diseases (fungal, bacterial, viral), nematodes, and pests. Factors affecting fruit composition are discussed: rootstock characteristics, climate, tree age and density, nutrient status effects (e.g., phosphorus, potassium, calcium, nitrogen, trace elements, vitamin C), growth regulators, chemical sprays, and growth and maturation effects. Harvesting, handling, grading, and storage procedures are reviewed. Control of post-harvest diseases and changes in chemical constituents during storage are discussed. Numerous tabular data are included. (wz). CRC critical reviews in food science and nutrition. Dec 1981. Literature review. v. 15 (4). p. 353-432. ill., charts. 411 ref. (NAL Call No.: TP368.C7).

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FOOD STORAGE

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JFDAZ. Nagai, N.Y. Moy, J.H. Chicago, Ill. : Institute of Food Technologists. Abstract: The effects of gamma irradiation at 0.30-1.0 kGy (30-100 krad) on sensory qualities, certain biochemical components, and short-term storage life of Valencia oranges were examined. Irradiation at 0.75 kGy maintained food quality during 7 degree C storage for 7 weeks, while 0.50 kGy irradiation retained food quality at 21 degrees C. Irradiation at 0.26-0.30 kGy accomplished fruit fly disinfection while preserving market qualities of the oranges. (wz). Journal of food science. Presented at the 44th Annual Meeting of the Institute of Food Technologists, Anaheim, CA, June 10-13, 1984. Jan/Feb 1985. v. 50 (1). p. 215-219. ill., charts. Includes 13 references. (NAL Call No.: DNAL 389.8 F7322).

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FOOD CONTAMINATION AND TOXICOLOGY

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EDB controversy becomes focus of Congressional hearings.
Washington, D.C. : Food Chemical News, Inc.
Abstract: Information concerning the controversy of residues of the toxin ethylene dibromide (EDB) fumigant in grain products, citrus and citrus juices is highlighted with respect to pending US congressional hearings. Anticipated witnesses will include representatives from EPA, FDA, USDA, the Grocery Manufacturers of America (GMA), and Florida officials, as well as a consulting toxicologist. Data on EDB residue levels in various grains and grain products are cited, ranging from less than 1 part-per-billion (ppb) in samples from most products to up to 26,600 ppb in raw grains. It is estimated that up to 40% of the 1983 US wheat crop is affected. Pending agency and legal actions are cited. FDA has issued high priority programs for sampling citrus and citrus juices while EPA expects to set levels for state use. The GMA is preparing an EDB exposure risk assessment for grain product consumption. (wz). Food chemical news. Jan 23, 1984. v. 25 (46). p. 47-50. (NAL Call No.: DNAL FNC TX553.A3A6 F&N).

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Citrus fruits-- varieties, chemistry, technology, and quality evaluation. Part I: Varieties, production, handling, and storage.
Ramana, K.V.R. Govindarajan, V.S.; Ranganna, S. Boca Raton, Fla., CRC Press. Abstract: A critical account is presented on various aspects of the characteristics and use of citrus fruits. Citrus fruit topics covered in detail include: classification, breeding, diseases (causing loss), production, growth in various countries, composition (as affected by various factors), maturity standards (for harvesting), harvesting, commercial handling, and storage. Factors causing crop loss are reviewed, including infectious diseases (fungal, bacterial, viral), nematodes, and pests. Factors affecting fruit composition are discussed: rootstock characteristics, climate, tree age and density, nutrient status effects (e.g., phosphorus, potassium, calcium, nitrogen, trace elements, vitamin C), growth regulators, chemical sprays, and growth and maturation effects. Harvesting, handling, grading, and storage procedures are reviewed. Control of post-harvest diseases and changes in chemical constituents during storage are discussed. Numerous tabular data are included. (wz). CRC critical reviews in food science and nutrition. Dec 1981. Literature review. v. 15 (4). p. 353-432. ill., charts. 411 ref. (NAL Call No.: TP368.C7).

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Mycotoxin production in whole tomatoes, apples, oranges and lemons (Alternaria molds).
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A specific HPLC method for residual imazalil and its main metabolite T 824 (Fungicides, residue analysis in citrus fruits or vegetables, methods).
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FOOD ADDITIVES

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Lime oil--distilled.
PEFLD. Lawrence, B.M. Wheaton, Ill. : Allured Publishing Corp. Perfumer & flavorist. Apr/May 1985. v. 10 (2). p. 58-60. Includes 10 references. (NAL Call No.: DNAL TP983.A1P4).

FOOD COMPOSITION

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Citrus fruits--varieties, chemistry, technology, and quality evaluation. Part II. Chemistry, technology, and quality evaluation. A. Chemistry.
Ranganna, S.CRFND. Govindarajan, V.S.; Ramana, K.V.R. Boca Raton : CRC Press. Abstract: A detailed literature review addresses chemical, technological, and quality evaluation aspects of citrus fruits, with respect to their chemical composition. Extensive data are presented on 12 chemical compositional categories comprising these fruits. These categories include: carbohydrates, polysaccharides, pectin and its structure, organic acids, nitrogenous constituents, lipids, carotenoids, vitamins, elemental species, flavonoids, volatile flavor constituents, and liminoids. Major attention is given to the 3 latter chemical categories. The review covers 649 literature citations, most of which were published over the past 15 years. (wz). CRC critical reviews in food science and nutrition. 1983. Literature review. v. 18 (4). p. 313-386. ill., charts. Includes 649 references. (NAL Call No.: TP368.C7).

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AGRICULTURAL PRODUCTS - PLANT

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Lime oil--distilled.
PEFLD. Lawrence, B.M. Wheaton, Ill. : Allured Publishing Corp. Perfumer & flavorist. Apr/May 1985. v. 10 (2). p. 58-60. Includes 10 references. (NAL Call No.: DNAL TP983.A1P4).

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CHEMISTRY

1074

Review of literature on herbicides, including phenoxy herbicides and associated dioxins / prepared for contracting officer's technical representative, Barclay M. Shepard ; submitted by JRB Associates.
Washington, D.C. Dept. of Medicine and Surgery, Veterans Administration (For sale by Supt. of Docs, U.S. G.P.O.) 1981. "October 1981"--P. 4 of cover ~"VA contract number: V101(93)P-823". 2 v. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: Z6724.C5R48).

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Use of remote sensing to detect old man's beard in rangeland and citrus orchards in southern Texas.
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SOCIAL SCIENCES AND HUMANITIES

1077

Review of literature on herbicides, including phenoxy herbicides and associated dioxins / prepared for contracting officer's technical representative, Barclay M. Shepard ; submitted by JRB Associates.
Washington, D.C. Dept. of Medicine and Surgery, Veterans Administration (For sale by Supt. of Docs, U.S. G.P.O.) 1981. "October 1981"--P. 4 of cover -"VA contract number: V101(93)P-823". 2 v. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: Z6724.C5R48).

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